

Title (en)

METHOD FOR DETERMINATION OF WEAR PROPERTIES OF GALVANNEALED FLAT STEEL PRODUCTS

Title (de)

VERFAHREN ZUR ERMITTLUNG DER ABRIEBEIGENSCHAFTEN VON GALVANNEALED STAHLFLACHPRODUKTEN

Title (fr)

PROCÉDÉ POUR DÉTERMINATION D'USURE DES PRODUITS PLATS EN ACIER GALVANNEALED

Publication

**EP 3047252 B1 20191106 (DE)**

Application

**EP 13766265 A 20130918**

Priority

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Abstract (en)

[origin: WO2015039686A1] The invention relates to a method for determining the abrasive-wear properties of galvanized flat steel products (2). In order to be able to characterize the abrasive-wear properties of a coated flat product objectively, meaningfully, and reproducibly, a method of the stated type is proposed, wherein an adhesive strip (7) is adhesively bonded to each flat steel product (2), the flat steel products (2) are bent in the area provided with the adhesive strip (7) or to be provided with the adhesive strip (7) in order to produce abrasive wear of the zinc coating, the adhesive strips (7) are removed together with abrasive wear of the zinc coating adhering to the adhesive strips (7) after the bending of the flat steel products (2), a physical dimension and/or a representative gray value of the abrasive wear adhering to the adhesive strips (7) is determined, the iron concentrations of the zinc coatings of the respective flat steel products are at least partially determined, and the dependence on the physical dimensions and/or the representative gray values of the abrasive wear adhering to the adhesive strips (7) on the iron concentration of the zinc coating is determined.

IPC 8 full level

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